

Aviation

Gives Us a Lift!



Medical



Cargo



Passenger Air Service



Recreation



Business



Personal Travel



Aerial Application



iawings.com

Aviation in Iowa

Joint Transportation, Infrastructure and Capitals Appropriations Subcommittee

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Iowa Department of Transportation**

February 2, 2006



Today's Presentation

- Overview of Iowa's Air Transportation System
- Iowa Aviation System Plan
- Development Needs
- Aviation Programs and Funding



Aviation is Important to Iowa

- 1.4M Annual Aircraft Operations
- 6,800 Active Pilots
- \$834M Economic Impact
- 10,000 Jobs
- \$4.2M to General Fund
 - Aircraft registration
 - Aviation fuel tax
 - Use tax on aircraft sales

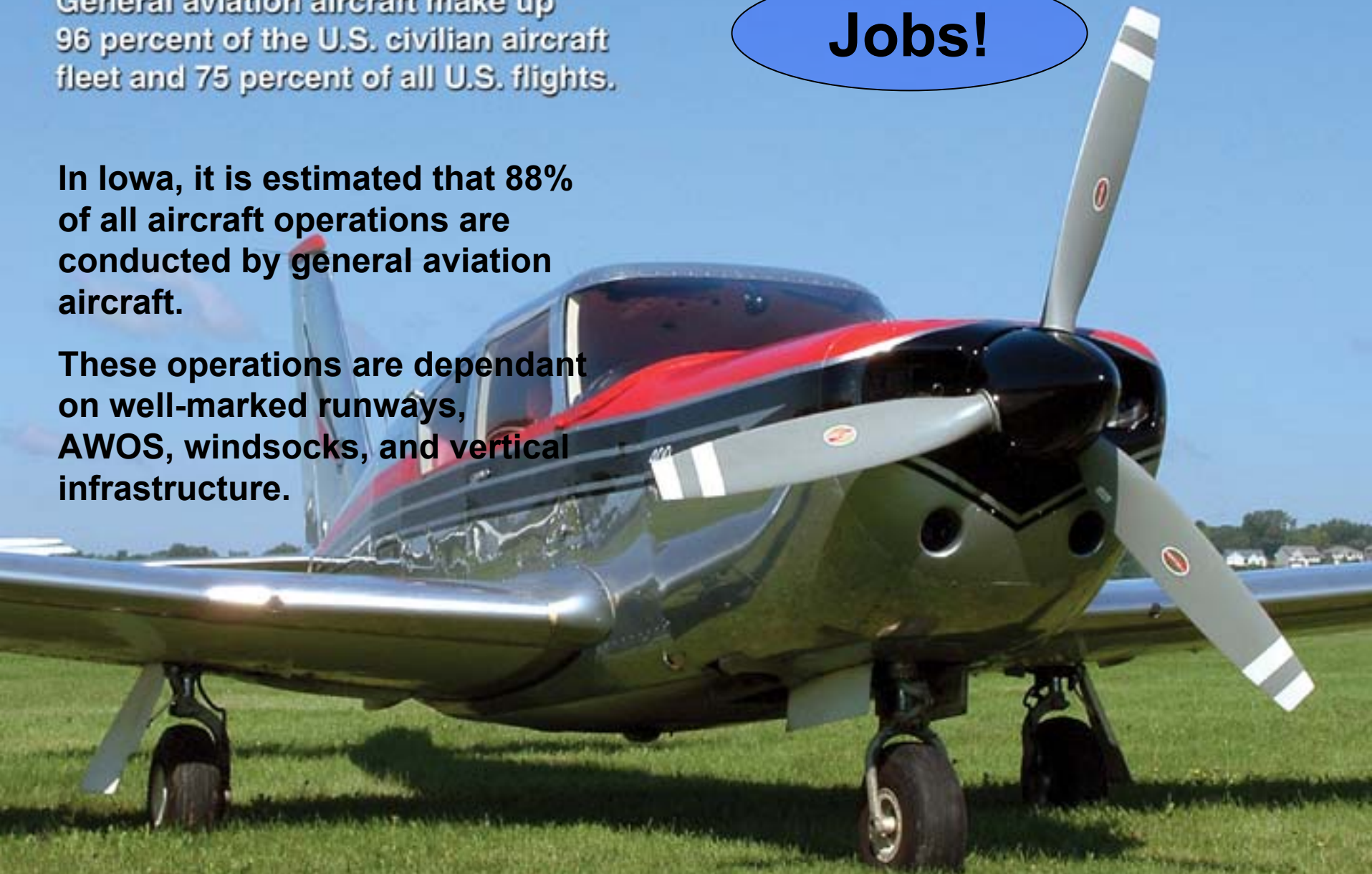


General aviation aircraft make up 96 percent of the U.S. civilian aircraft fleet and 75 percent of all U.S. flights.

Jobs!

In Iowa, it is estimated that 88% of all aircraft operations are conducted by general aviation aircraft.

These operations are dependant on well-marked runways, AWOS, windsocks, and vertical infrastructure.



Aviation plays an important role in medical emergencies and providing health care to rural areas.

Jobs!

4,000 missions annually!

AWOS is a lifeline for us.
Tom Lundberg, Mercy One Air Ambulance

Life Flight departs to transport a patient to a trauma center.
Photo submitted by John Halbrook.

Businesses use aviation to enhance employee productivity and efficiency.

1,300 aircraft are registered to Iowa corporations!



Smaller, less congested airports are key to the value and flexibility of business aircraft.

John Balsiger, NBAA

Jobs!

A business jet is refueled at The Eastern Iowa Airport. Photo submitted by Dick Blum.

Jobs!

There are more than 50 Iowa-based
aerial applicators licensed to apply
crop protection products in Iowa.



Photo submitted by Bill Owen.

Jobs!

Aircraft have a wide range of uses including photography, surveying, news reporting, and search and rescue.



This Hughes helicopter/tree trimmer was used in the summer of 2004 to trim branches away from power lines.
Photo submitted by Leigh Ann Gibbs.

More than 250 million pounds of air cargo is handled annually in Iowa due to its central location in the United States. Air cargo provides an economic boost to the state.



Jobs!

A Boeing 757 prepares to depart the Des Moines International Airport with a load of cargo.

Photo submitted by Dick Blum.

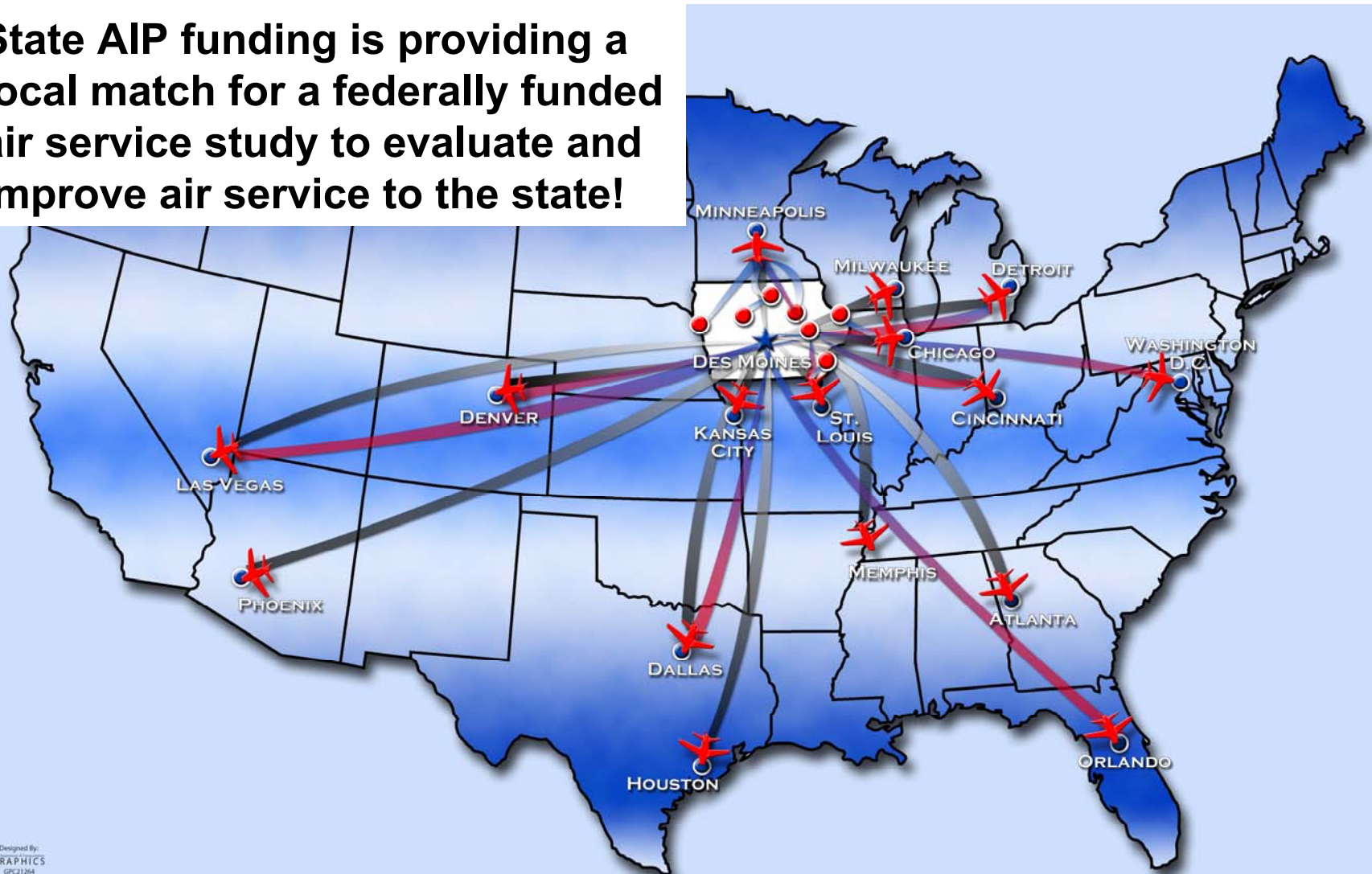


Jobs!

Iowa's eight commercial service airports handle more than 3 million passengers per year, providing a significant economic impact that fuels our state through employment, spending, and supporting businesses.

Non-Stop Flights from Iowa Airports

State AIP funding is providing a local match for a federally funded air service study to evaluate and improve air service to the state!



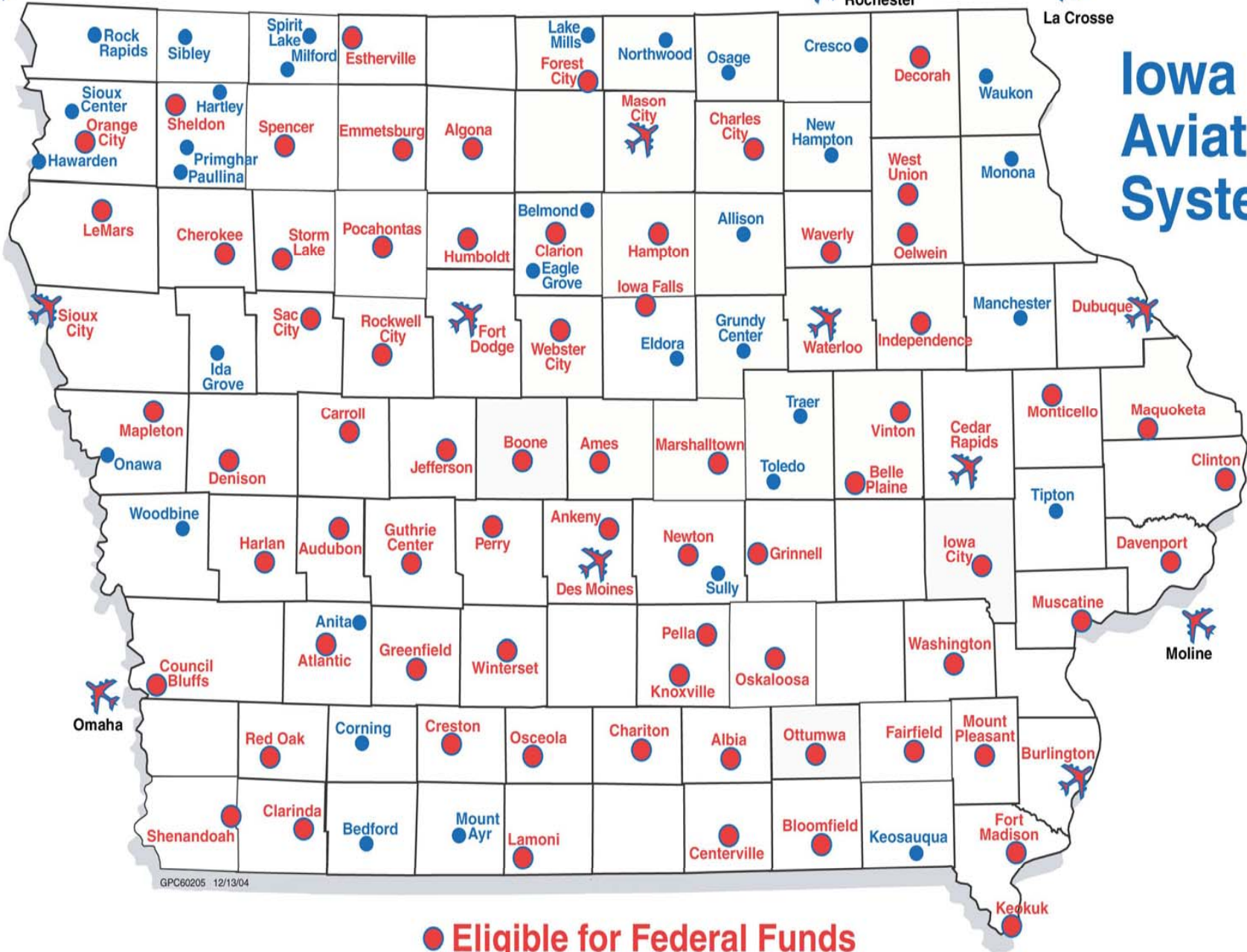


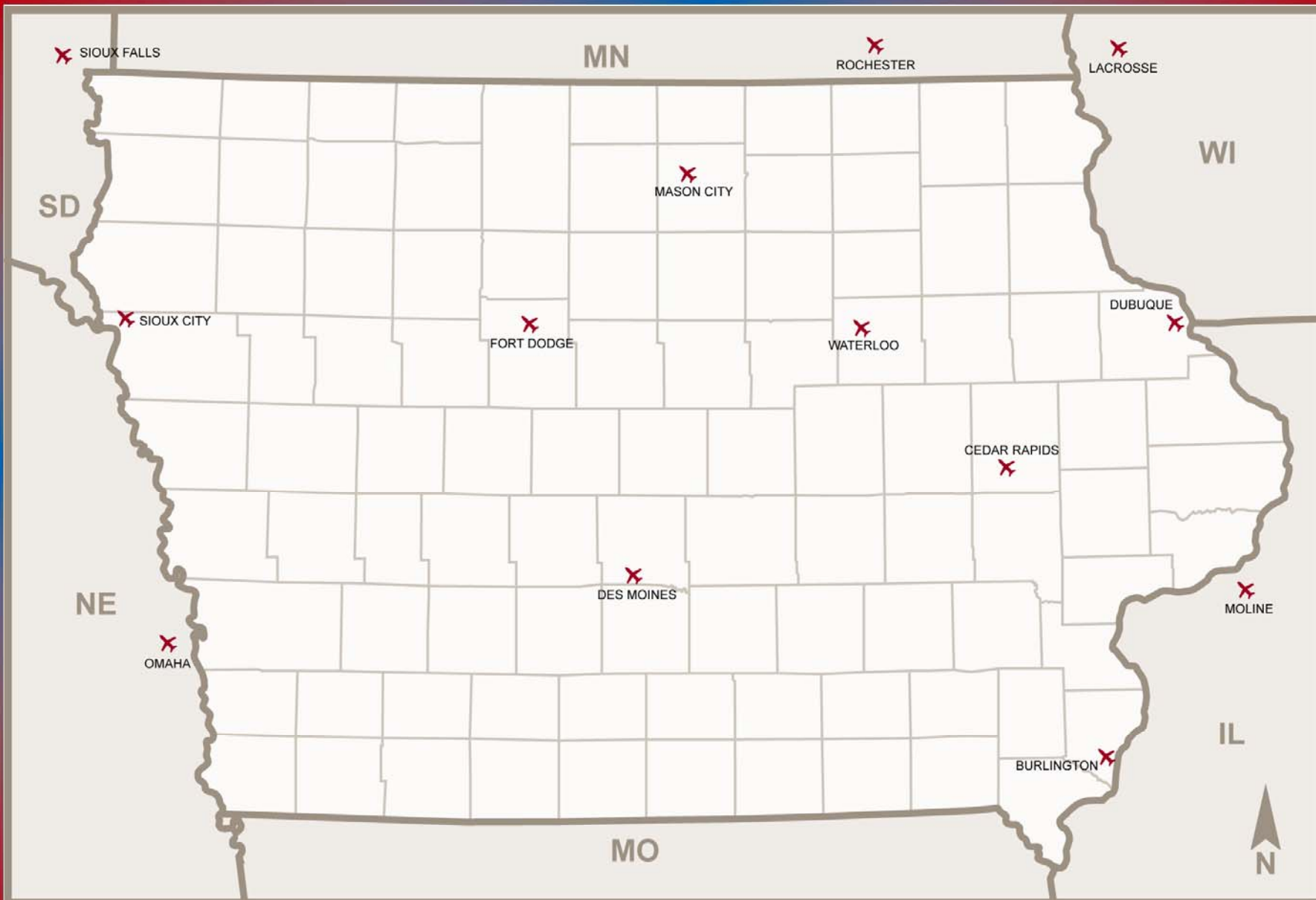
Iowa Aviation System Plan

- 2004 – 2024
- Inventory
- Facility & Service Objectives
- Development Needs
- Funding



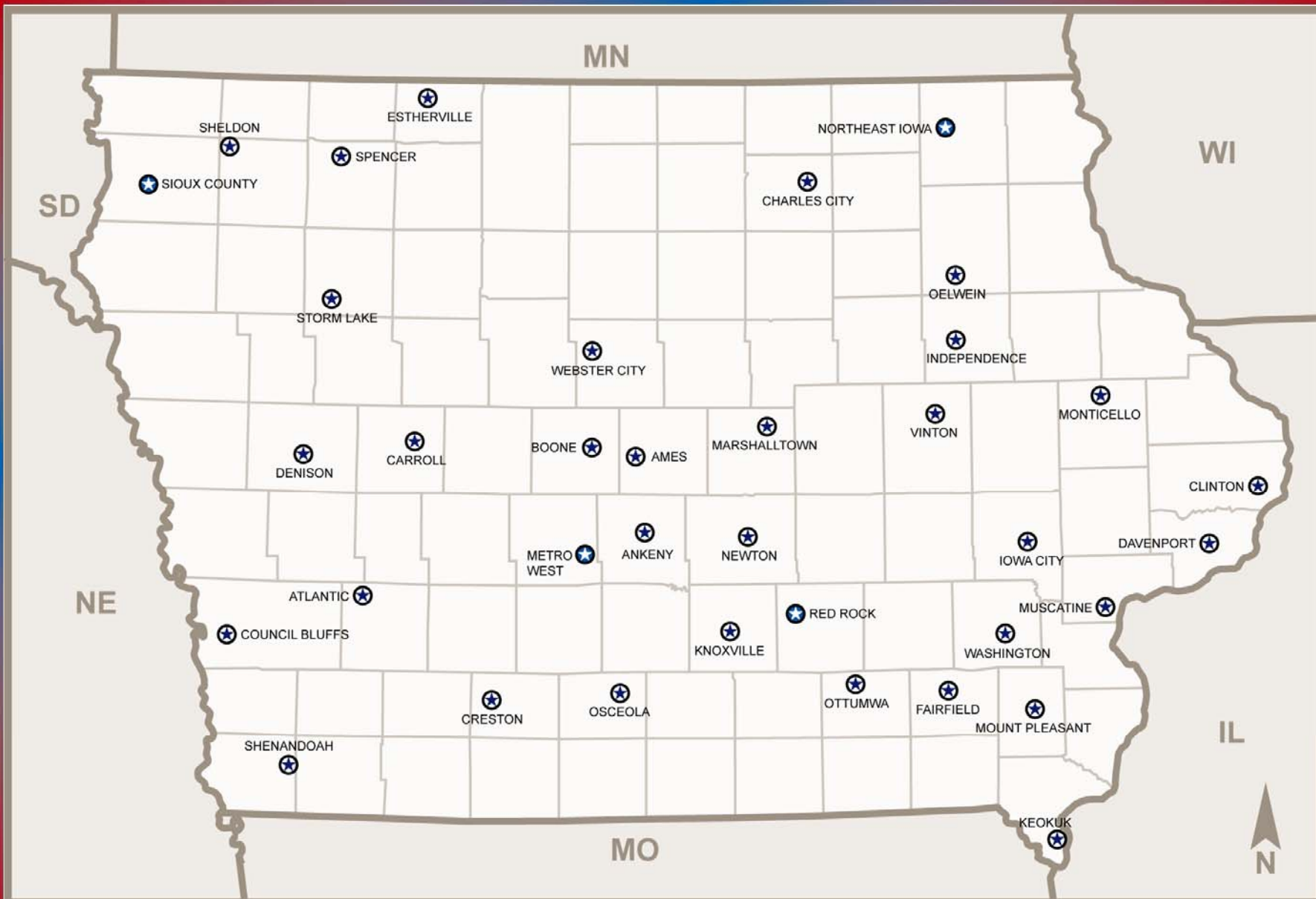
Iowa Aviation System





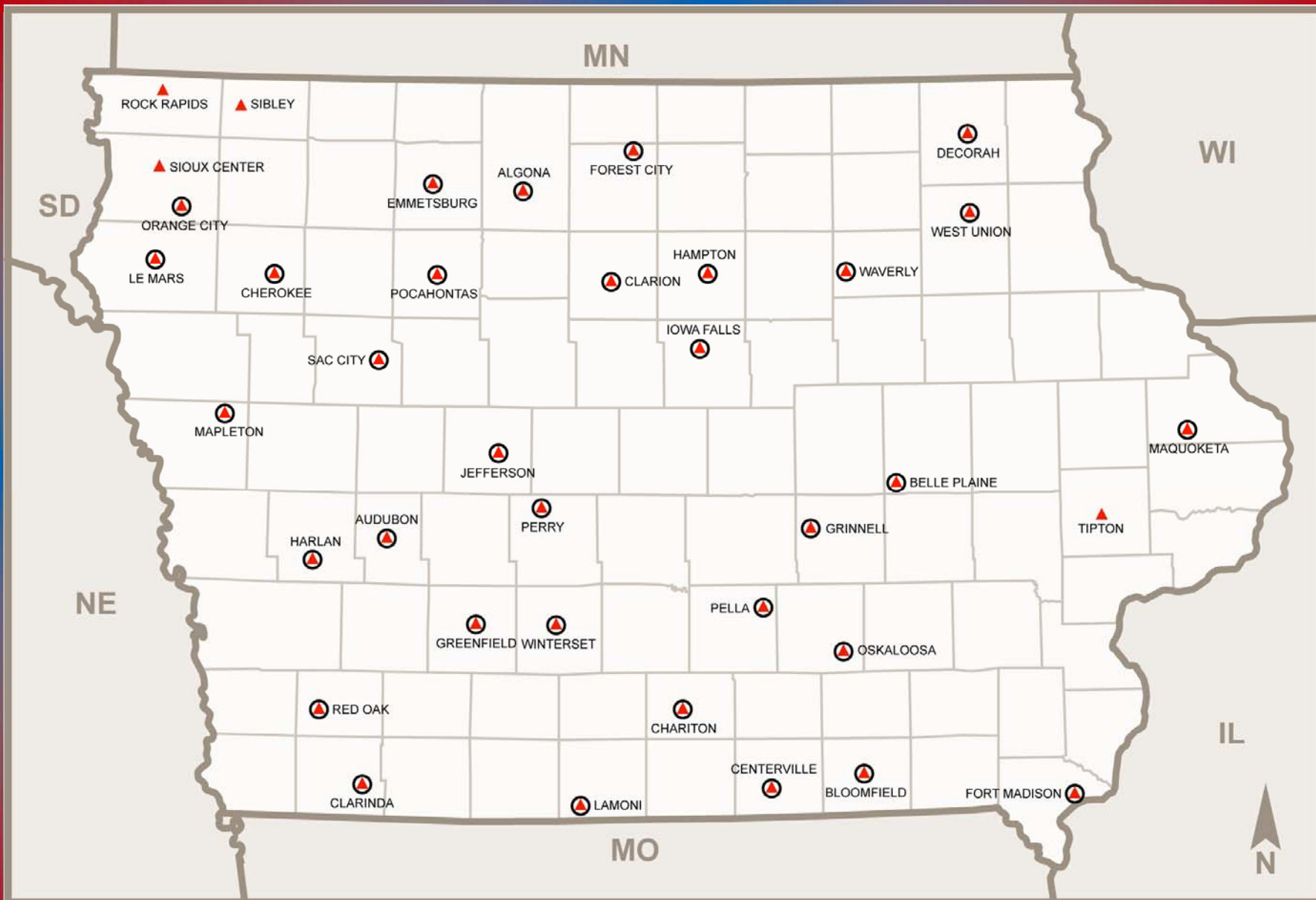
Commercial Service Airports

 Commercial Service Airports



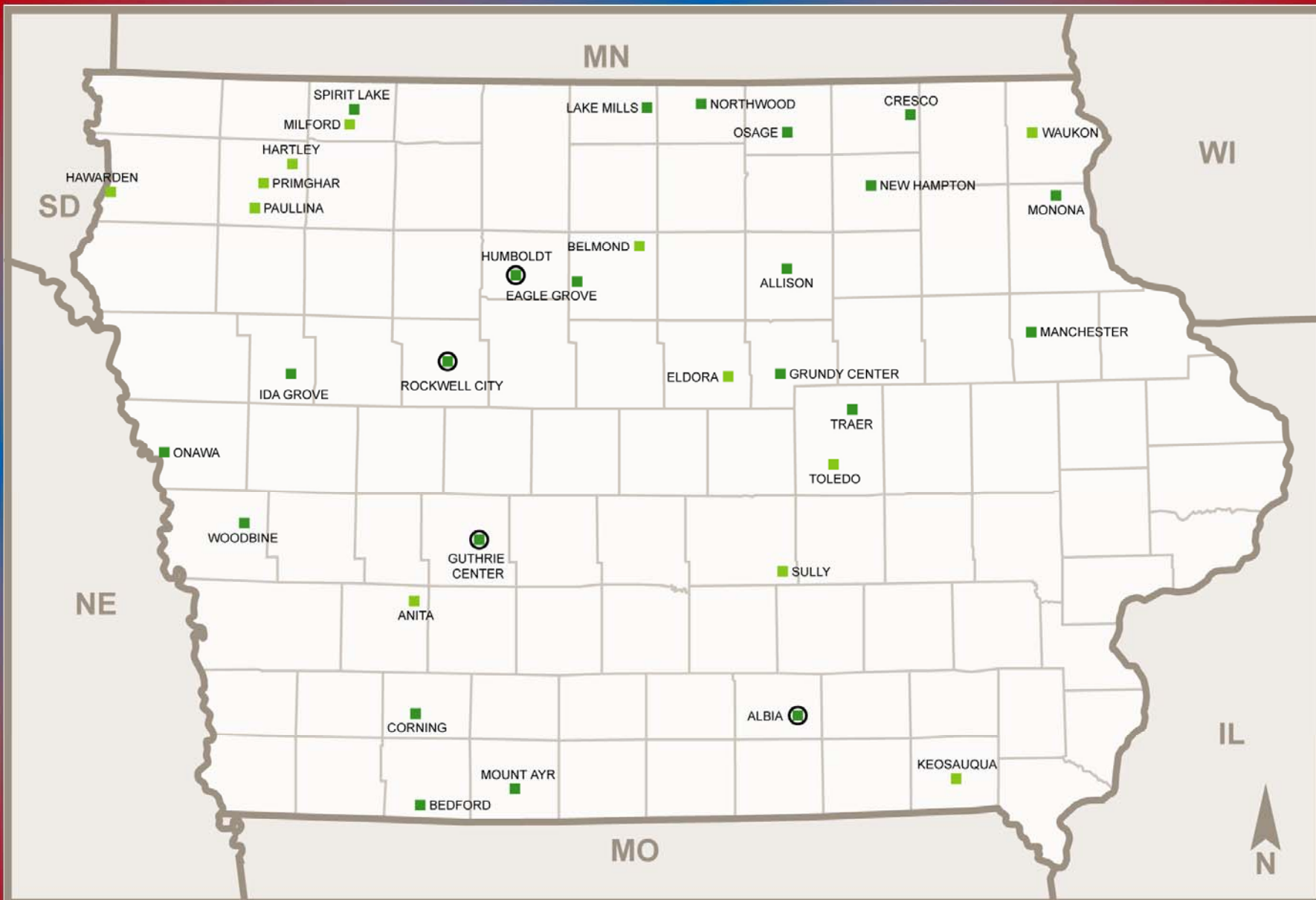
Enhanced Service Airports

★ Enhanced Service Airports ★ New Enhanced Service Airports ○ NPIAS



General Service Airports

▲ General Service Airports ○ NPIAS

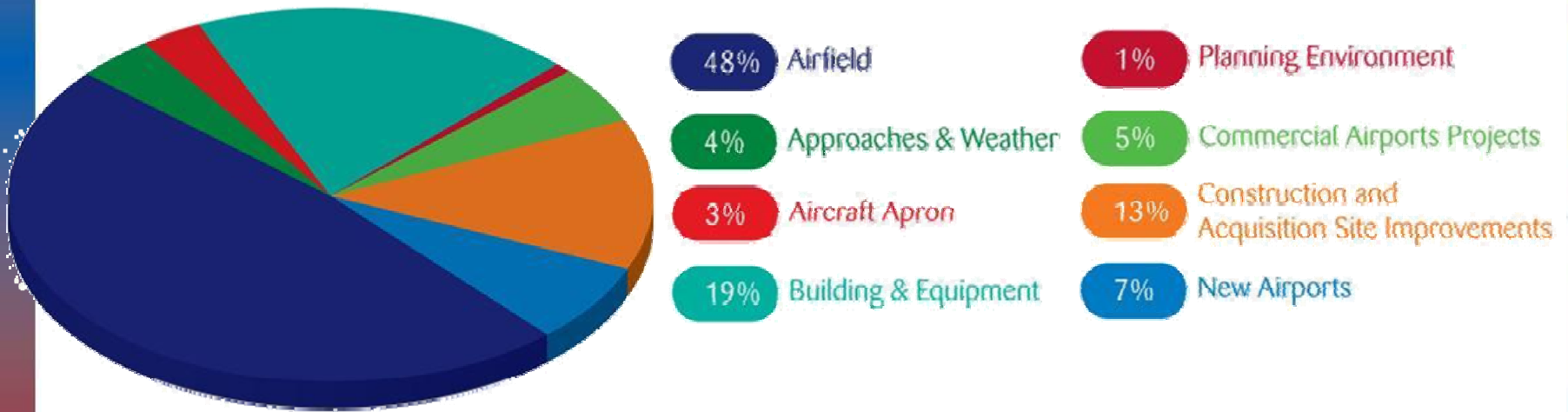


Basic Service Airports

■ Basic Service Airports ■ Basic II Service Airports ○ NPIAS

Development Needs

20-year Funding By Project Type



Funding Sources: Seven Year Annualized Average

■ Federal = 82.3%

■ State = 7.3%

■ Local = 10.4%



General Aviation Airport Needs

- Airside/Runway projects
- Weather systems (AWOS)
- Windsocks
- Runway markings
- Clear approach zones
- Communication/navigation aids
- Land use planning
- Security, emergency, wildlife planning
- Pilot safety training
- Fueling systems
- Vertical Infrastructure (Hangars, terminal buildings)



State Aviation Programs



Airport Improvement Program (AIP)

- Airside projects, AWOS, windsocks, runway markings pavement management, pilot safety programs

General Aviation Vertical Infrastructure (GAVI)

- Terminal and maintenance buildings, hangars and fuel facilities

Commercial Service Vertical Infrastructure (CSVI)

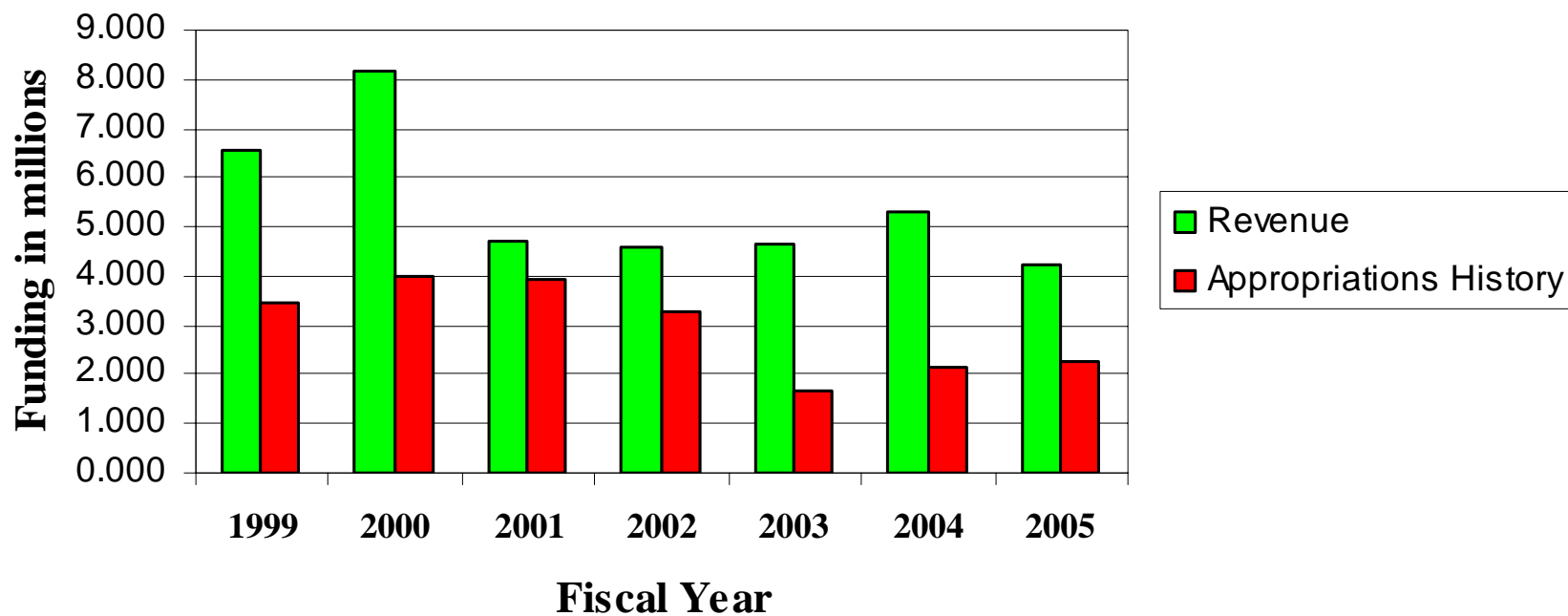
- Terminal buildings, hangars, maintenance facilities



Appropriation History

Fiscal Year	Airport Improvement Program (AIP)	Commercial Service Vertical Infrastructure (RIIF)	General Aviation Vertical Infrastructure (RIIF)
1999	\$2,484,000 (General Fund)	\$945,000 (first year)	0
2000	\$2,475,000 (General Fund)	\$1,000,000	\$500,000
2001	2,475,000 (General Fund)	\$1,000,000	\$500,000
2002	2,248,000 (General Fund)	\$1,000,000	\$500,000
2003	0	\$1,100,000	\$581,400
2004	\$500,000 (RIIF)	\$1,100,000	\$581,400
2005	\$500,000 (RIIF) \$64,792 (General Fund)	\$1,100,000	\$581,400
2006	\$564,792 (RIIF)	\$1,500,000	\$750,000

Aviation Revenue / Appropriations History



Investment in Aviation is Important to Iowa

Safety

Jobs

Vital Services

Economic Development



One way or another, all businesses and every Iowan depend on aviation.

Questions?

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